



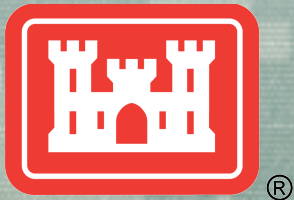
US Army Corps of Engineers



# NEW YORK DISTRICT

## FY2014 - FY2018

### DREDGING PROGRAM






US Army Corps of Engineers  
BUILDING STRONG






## Overview:

- Dredging Schedule
- Maintenance Dredging Projects
- Deepening Projects
- Other Projects

# FY14 O&M Dredging Program

LEGEND		
	Hopper	
	Mechanical	
	Pipeline	

Project	Dredge Type	Quantity (CY)	Placement Site	Advertise	Bid Opening	Award	SB Set -Aside (Y/N)	Env. No-Work Windows	2013			2014								
									OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Maintenance Dredging																				
Fire Island, NY	Pipeline	1,909,000	Beach	25-Feb-13	2-Jul-13	16-Jul-13	N	4/15 – 8/15												
NY Harbor: Red Hook Flats Anch	Mechanical	970,000	HARS	19-Jun-13	16-Jul-13	8-Aug-13	N	2/1 – 5/31												
NY/NJ Chan: Ward Pt, AK & Seguine Pt	Mechanical	713,000	Upland & HARS	29-Apr-13	6-Jun-13	13-Aug-13	N	2/1 – 7/31												
NY Harbor: Sandy Hook	Mechanical	230,000	HARS	2-Aug-13	6-Sep-13	17-Sep-13	N	1/15 – 3/31												
Jones Inlet, NY	Pipeline	650,000	Beach	9-Aug-13	23-Sep-13	27-Sep-13	N	3/31 – 9/30												
LI Intracoastal Waterway, NY	Pipeline	30,000	Beach	8-Oct-13	8-Nov-13	20-Nov-13	Y	1/15 – 9/30												
Great Kills Harbor, NY	Pipeline	250,000	Beach	31-Oct-13	30-Nov-13	15-Dec-14	N	1/1 – 5/31												
Bay Ridge & Red Hook Channel	Mechanical	125,000	HARS	28-Jul-14	27-Aug-14	10-Sep-14	N	TBD												
Browns Creek, NY	Pipeline	20,000	Upland	17-Aug-14	16-Sep-14	30-Sep-14	Y	6/1 – 9/30												
Great South Bay, NY	Pipeline	100,000	Beach	7-Jan-14	6-Feb-14	20-Feb-14	Y	1/15 – 9/30												
Lake Montauk Harbor, NY	Pipeline	15,000	Beach	17-Aug-14	16-Sep-14	30-Sep-14	Y	1/15 – 9/30												
Cheesequake Creek, NJ	Mechanical	10,000	Upland	6-Aug-14	5-Sep-14	19-Sep-14	Y	TBD												
Newark Bay, NJ	Mechanical	200,000	Upland	25-Feb-14	27-Mar-14	10-Apr-14	N	2/1 – 5/31												
Raritan Riv to Arthur Kill Cutoff	Mechanical	270,000	HARS	16-Jan-14	18-Feb-14	18-Mar-14	N	TBD												
Raritan Riv, NJ	Mechanical	178,000	Upland	27-Apr-14	27-May-14	10-Jun-14	N	11/15 – 6/30												
Sandy Hook Bay at Leonardo, NJ	Pipeline/Mechanical	45,000	Upland	17-Aug-14	16-Sep-14	30-Sep-14	Y	TBD												
Shark River, NJ	Pipeline	187,000	Beach	3-Aug-14	2-Sep-14	15-Sep-14	Y	1/15-5/31												
Shoal Harbor & Compton Creek, NJ	Pipeline	150,000	Upland	15-Nov-13	15-Dec-13	29-Dec-13	Y	11/1 – 5/31												
Shrewsbury River, NJ	Pipeline	120,000	Beach	3-May-14	2-Jun-14	16-Jun-14	Y	1/1 – 5/31												
Hudson River, NY N. Germantown	Hopper	186,000	Upland	7-May-12	29-Jun-12	7-Aug-12	N	3/1 – 8/15												
Hudson River, NY	Hopper	270,000 – 270,000	Upland	17-Jun-14	17-Jul-14	1-Aug-14	N	3/1 - 8/15												
NY/NJ Chan: Perth Amboy	Mechanical	250,000	HARS/Upland	28-April-14	28-May-14	12-Jun-14	N	2/1 – 7/31												







## FY15–FY18 O&M, New Work Dredging Program & Other Work

**LEGEND**

- Hopper
- Mechanical
- Pipeline

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# Fire Island Inlet, NY



QUANTITY TO BE DREDGED:	1,909,000 CY
CONTRACT DEPTH:	16 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2007
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 April – 15 August



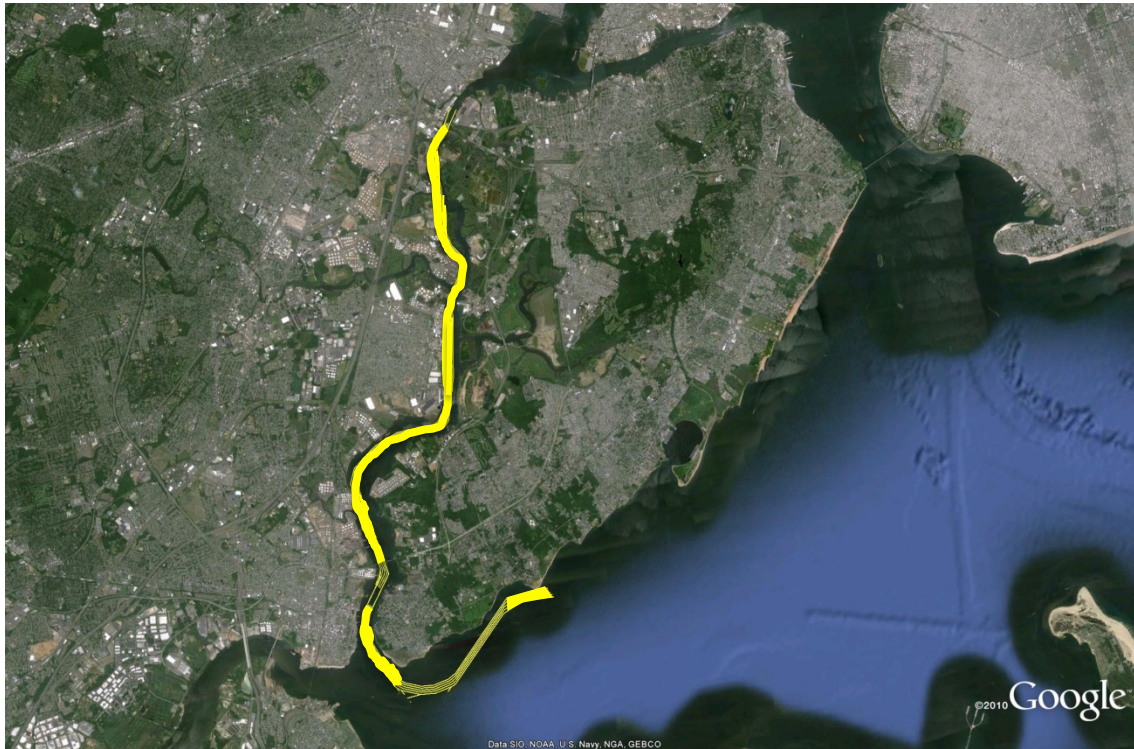
# NY Harbor: Red Hook Flats Anchorage



QUANTITY TO BE DREDGED:	970,000 CY
CONTRACT DEPTH:	45 ft (+2 ft Overdepth) 40 ft (+2 ft Overdepth) and 35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2001
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: 1 February - 31 May



# NY & NJ Channels: Arthur Kill, Seguine Point and Ward Point Bend



QUANTITY TO BE DREDGED:	713,000 CY
CONTRACT DEPTH:	35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2004 & 2008
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS and Processing/ Upland
ISSUES:	No Work Windows: 15 November - 15 July

# New York Harbor: Sandy Hook Channel



QUANTITY TO BE DREDGED:	230,000
CONTRACT DEPTH:	35 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2012
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: 15 Jan – 31 March



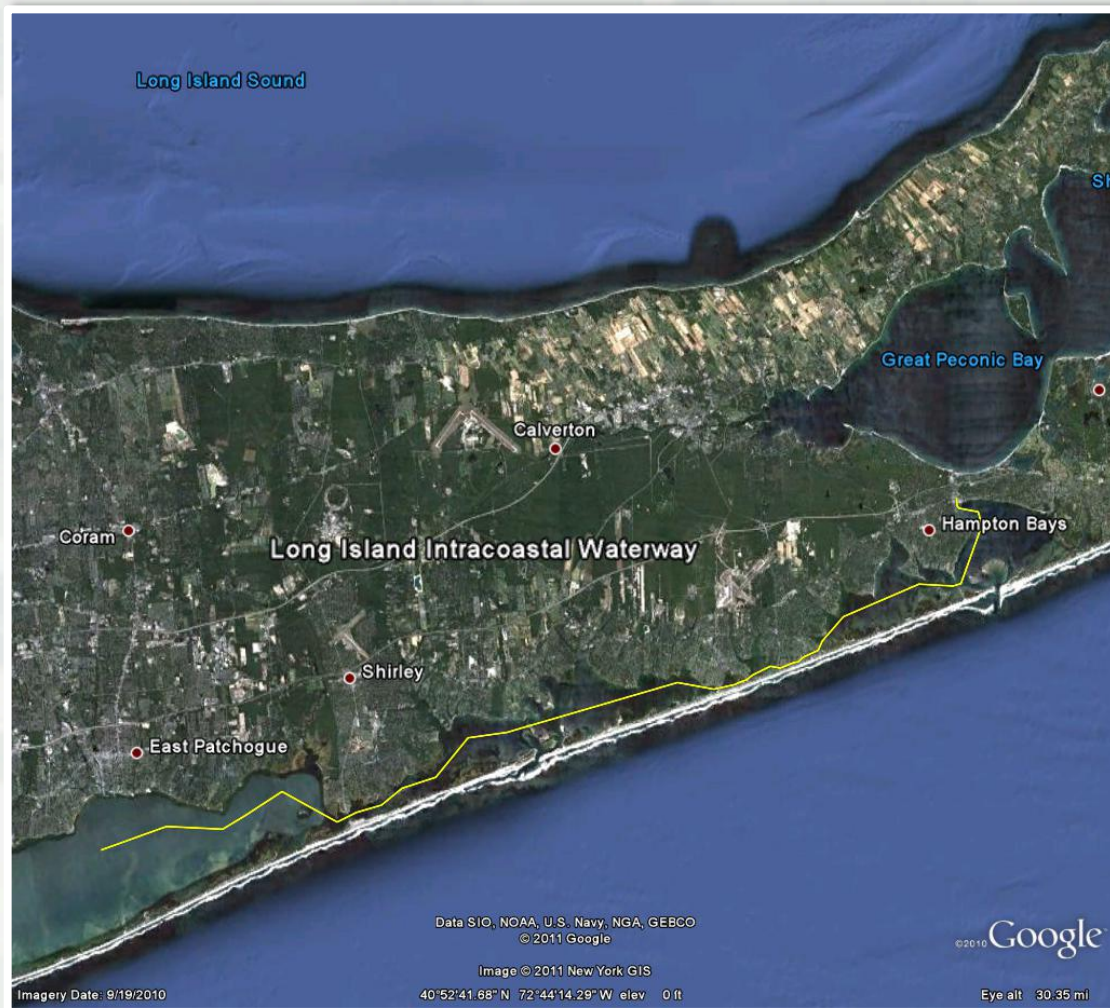
# Jones Inlet, NY



QUANTITY TO BE DREDGED:	650,000
CONTRACT DEPTH:	14 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2008
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 31 March – 30 September



# Long Island Intracoastal Waterway, NY



QUANTITY TO BE DREDGED:	30,000 CY
CONTRACT DEPTH:	6 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2012
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 30 September

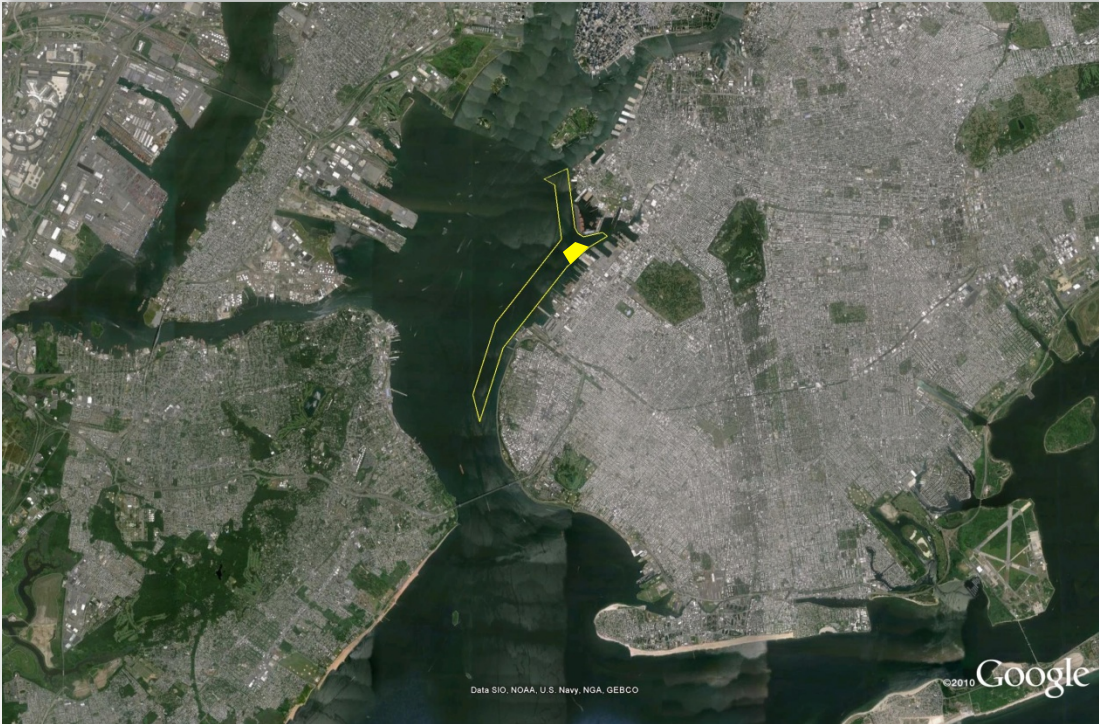
# Great Kills Harbor, NY



QUANTITY TO BE DREDGED:	250,000
CONTRACT DEPTH:	10 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2002-2003
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 January – 31 May



# Bay Ridge and Red Hook Channels, NY



QUANTITY TO BE DREDGED:	125,000
CONTRACT DEPTH:	34 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silty Sand
LAST DREDGED:	1989
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS or Upland
ISSUES:	No Work Windows: 1 February – 31 May

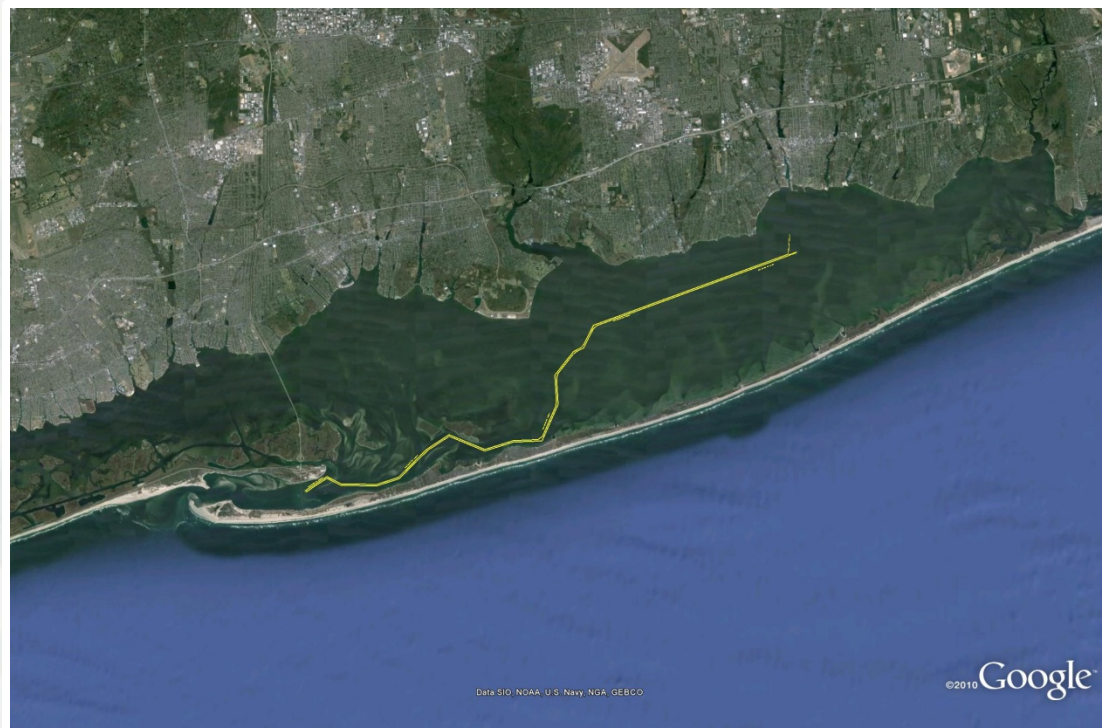


## Browns Creek, NY



QUANTITY TO BE DREDGED:	20,000 CY
CONTRACT DEPTH:	6 ft (+2 ft Overdepth) and 4 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt and Clay
LAST DREDGED:	2005
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 June – 30 September

# Great South Bay, NY



QUANTITY TO BE DREDGED:	100,000 CY
CONTRACT DEPTH:	10 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1992
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January – 30 September



# Lake Montauk Harbor, NY



QUANTITY TO BE DREDGED:	15,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2011
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January – 30 September



# Cheesequake Creek, NJ



QUANTITY TO BE DREDGED:	10,000 CY
CONTRACT DEPTH:	5 ft (+2 ft Overdepth) 4 ft (+2 ft Overdepth) and 3 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1988-1989 (By State of NJ)
EQUIPMENT:	Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 15 November – 31 May

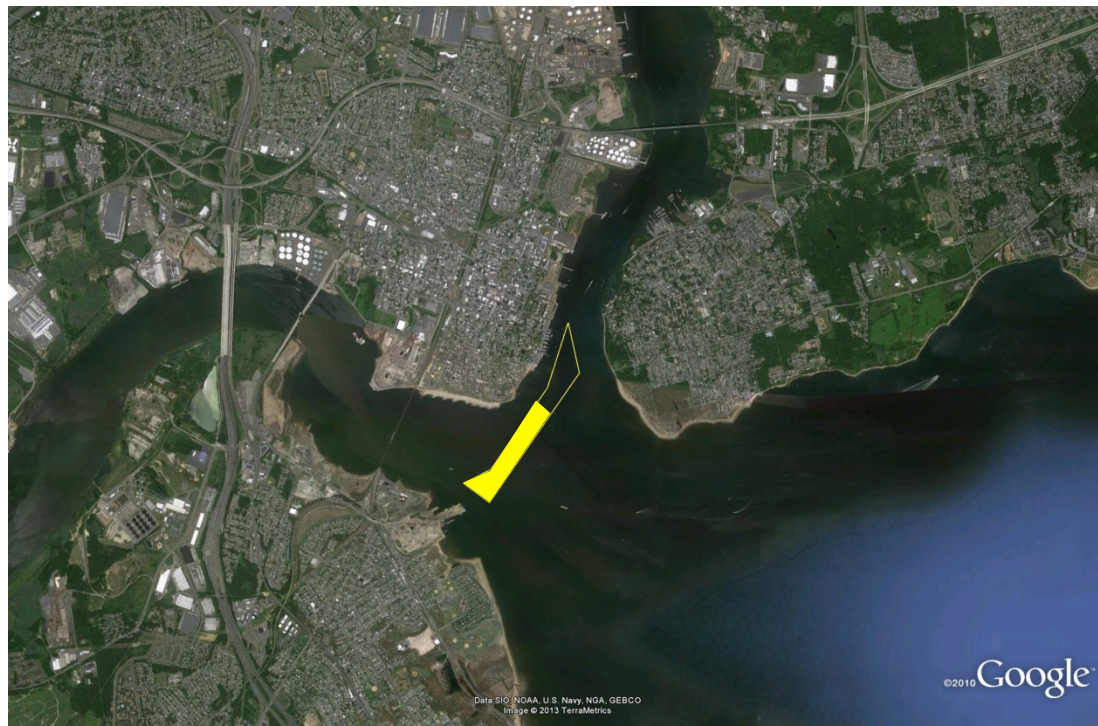
# Newark Bay, NJ



QUANTITY TO BE DREDGED:	200,000 CY
CONTRACT DEPTH:	40 ft (+1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silt and Clay
LAST DREDGED:	2008
EQUIPMENT:	Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 February – 31 May (portion of Main Channel only)



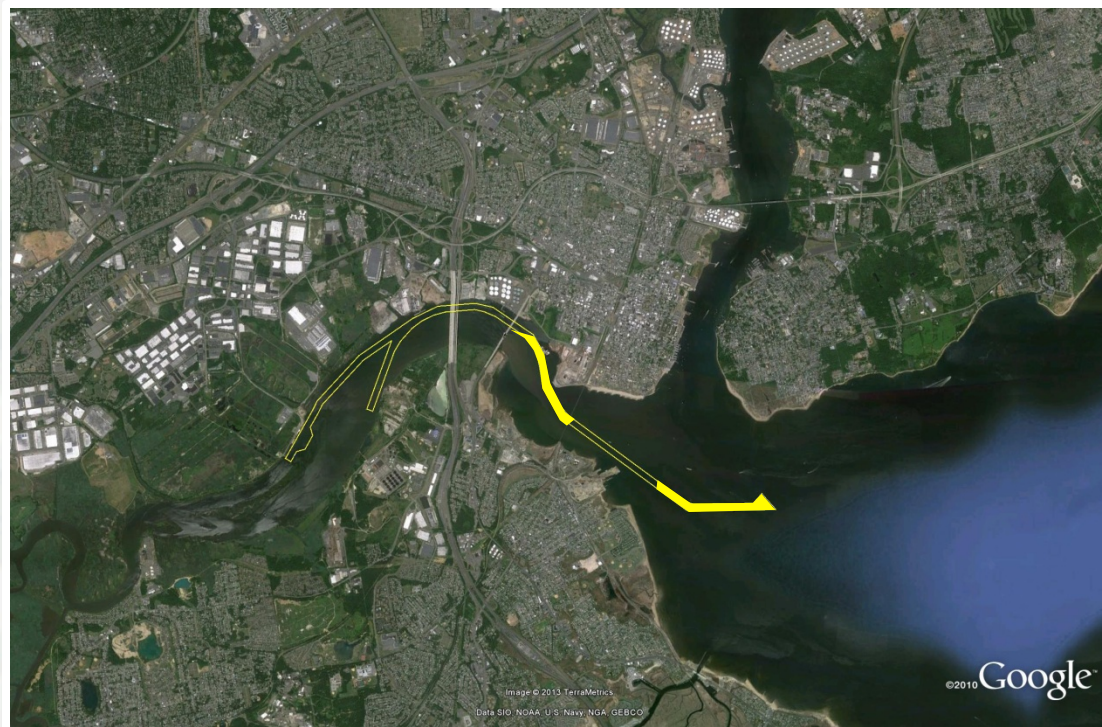
# Raritan River to Arthur Kill Cut-Off



QUANTITY TO BE DREDGED:	270,000 CY
CONTRACT DEPTH:	20 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silt and Clay
LAST DREDGED:	2000
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: TBD



# Raritan River, NJ



QUANTITY TO BE DREDGED:	178,000 CY
CONTRACT DEPTH:	24 ft (+1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silt and Clay
LAST DREDGED:	2008
EQUIPMENT:	Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 15 Nov – 30 June

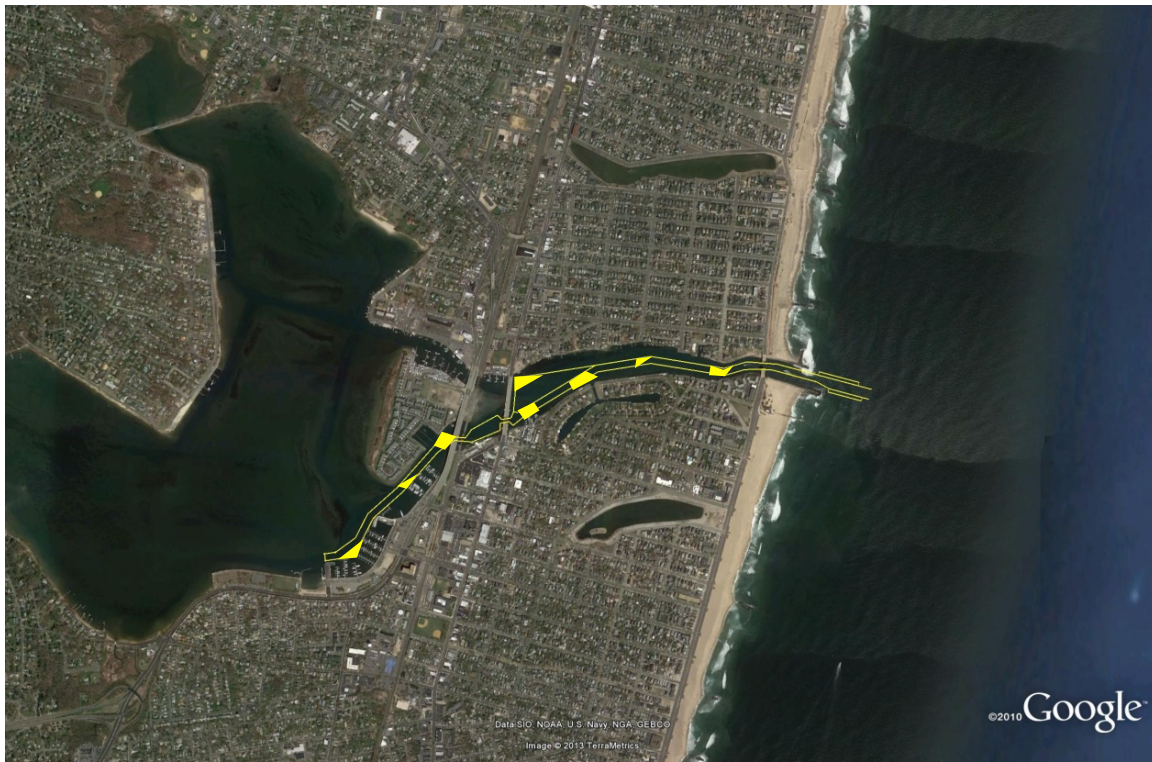
## Sandy Hook Bay at Leonardo, NJ



QUANTITY TO BE DREDGED:	45,000 CY
CONTRACT DEPTH:	8 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Gravel, Sand, Silt and Clay
LAST DREDGED:	1991
EQUIPMENT:	Pipeline/Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: TBD



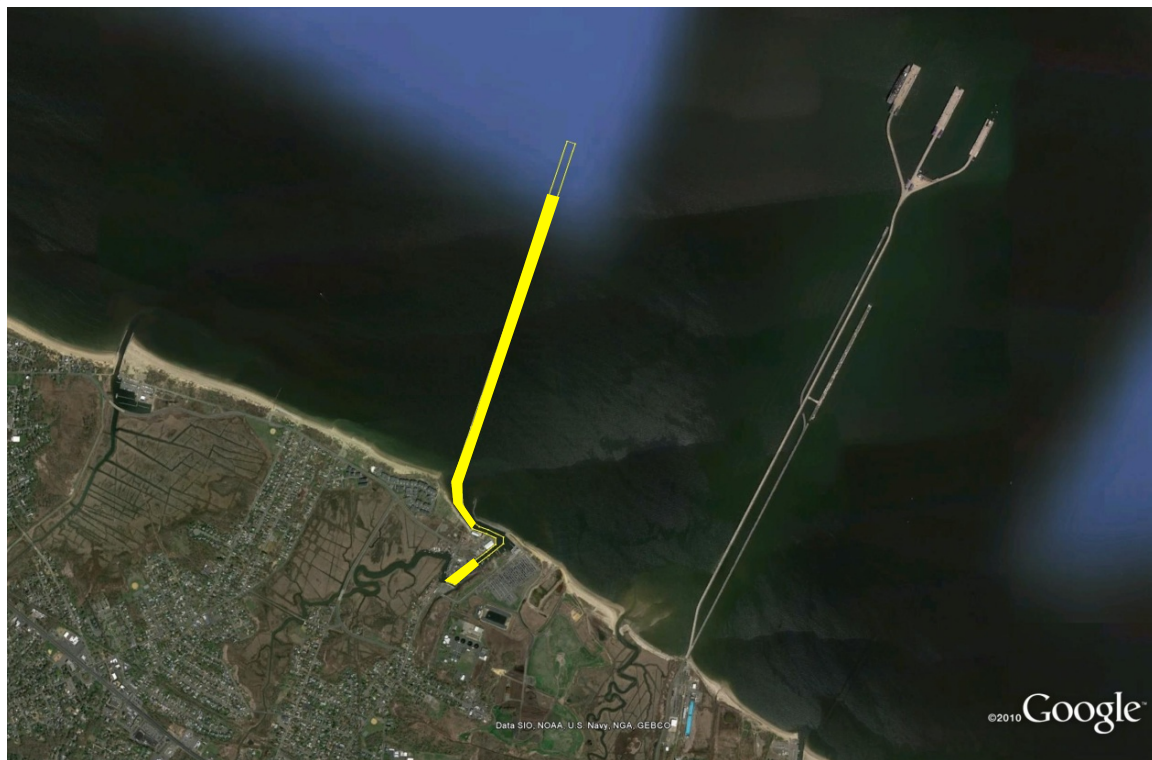
# Shark River, NJ



QUANTITY TO BE DREDGED:	187,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth) and 8 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2008
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 January – 31 May



# Shoal Harbor and Compton Creek, NJ



QUANTITY TO BE DREDGED:	150,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth) and 8 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1998
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 November – 31 May

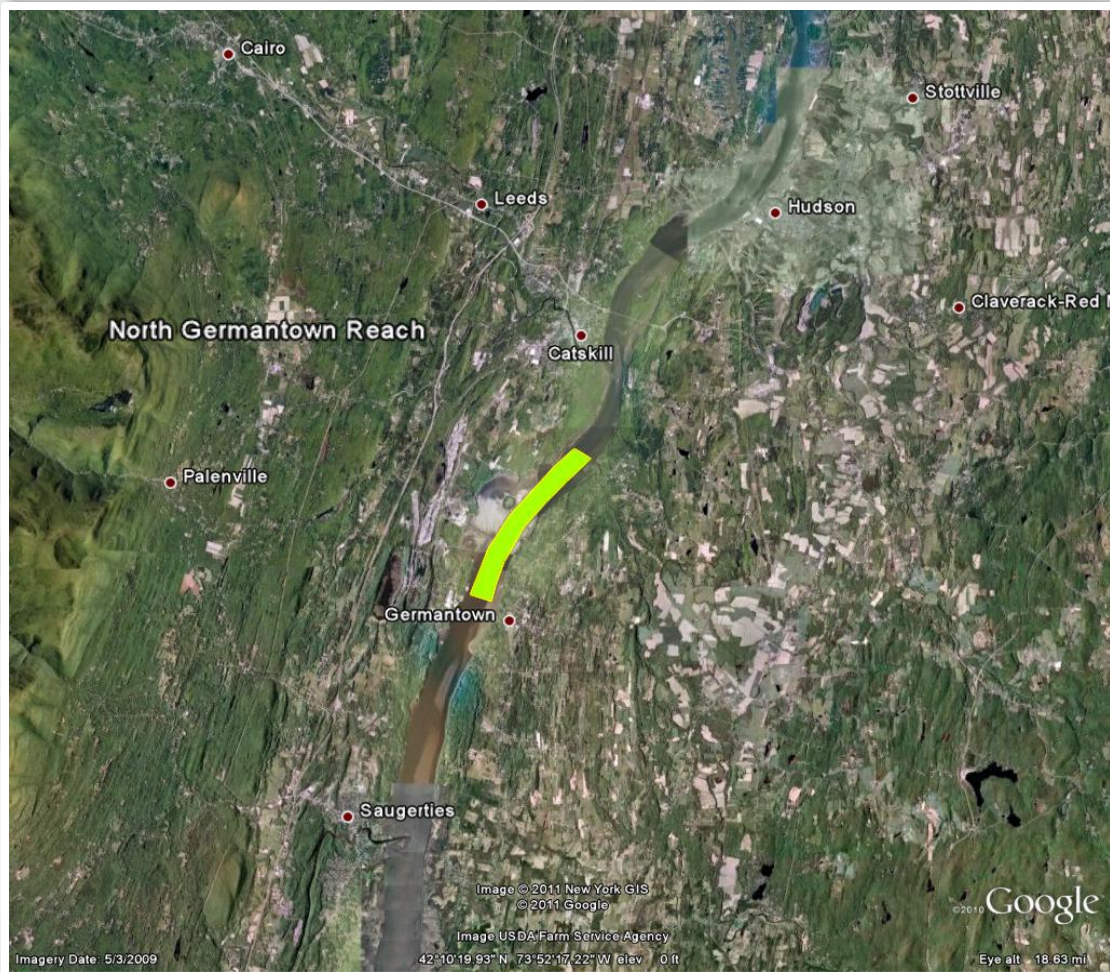
# Shrewsbury River, NJ



QUANTITY TO BE DREDGED:	120,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth) 9 ft (+2 ft Overdepth) and 6 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2011
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 January – 31 May

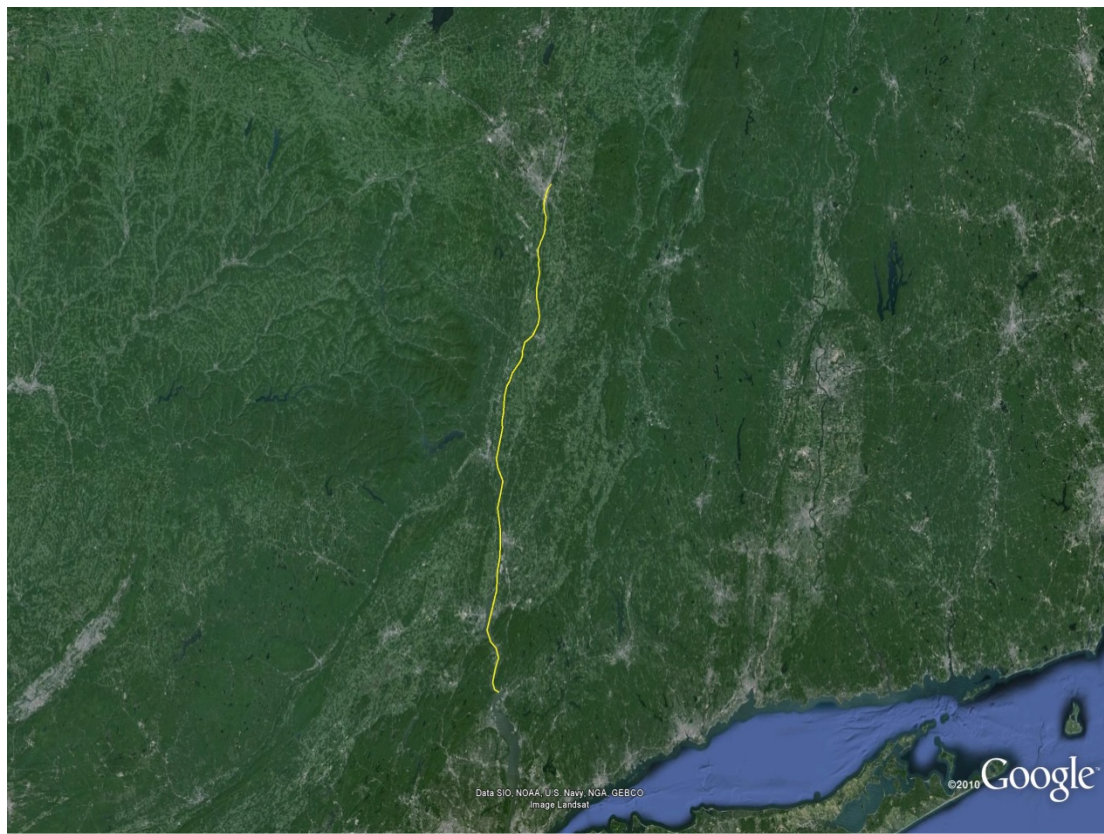


# Hudson River: North Germantown Reach, NY



QUANTITY TO BE DREDGED:	186,000 CY
CONTRACT DEPTH:	32 ft (+ 1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2001
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 March - 15 August

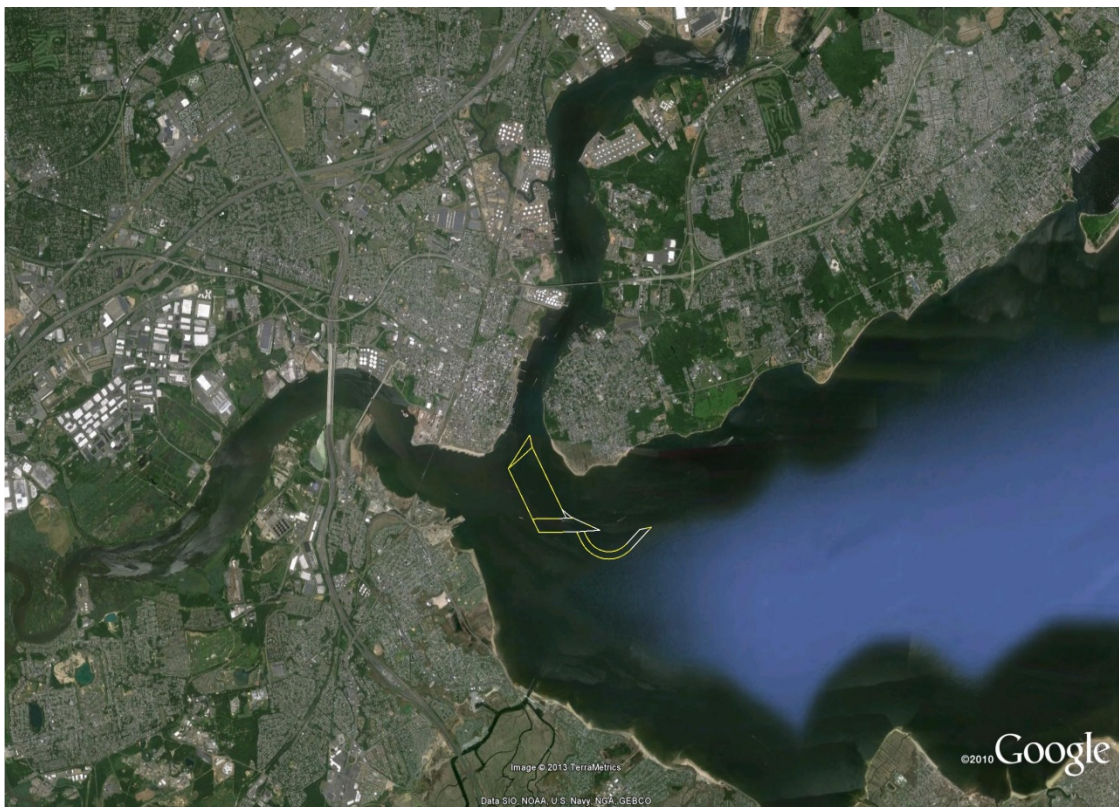
# Hudson River, NY



QUANTITY TO BE DREDGED:	200,000 CY – 270,000 CY
CONTRACT DEPTH:	32 ft (+ 1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1998 and 2001
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 March - 15 August



## NY/NJ Channels: Perth Amboy



QUANTITY TO BE DREDGED:	621,000 CY (If HARS) 357,000 CY (If Upland)
CONTRACT DEPTH:	37 + 2 (If HARS) 35 + 2 (If Upland)
TYPE OF DREDGED MATERIAL:	Silt & Clay
LAST DREDGED:	November 2001
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS / Upland
ISSUES:	No Work Windows: 1 Feb – 31 July

# NY & NJ 50' Harbor Deepening Project



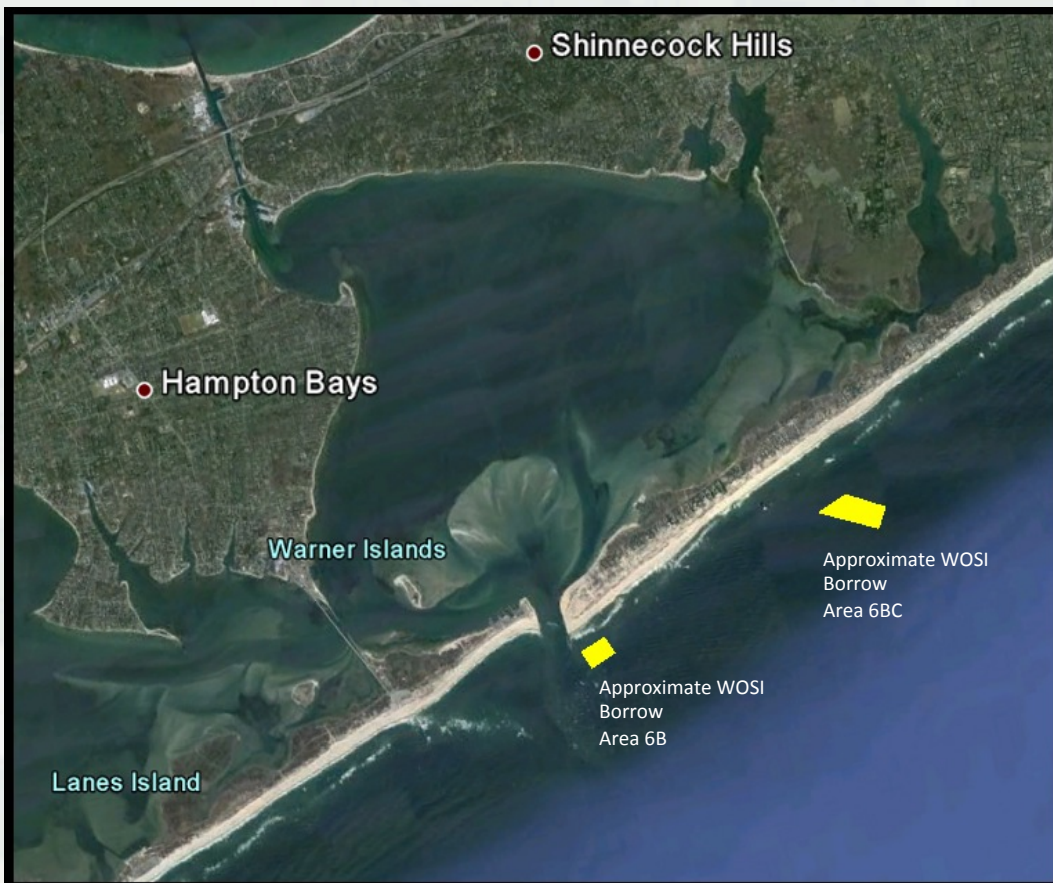
DESCRIPTION:	Channel deepening from 40-45 ft to 50 ft
DREDGED MATERIAL:	Sand, Silt, Clay, Glacial Till, and Rock
EQUIPMENT:	Mechanical & Hopper Dredges
PLACEMENT SITES:	HARS, Upland, Reef Site
OTHER:	Blasting Required. Beneficial use of dredged material opportunities/partnering
PARTNER	Cost-shared with the Port Authority NY & NJ

CONTRACT	STATUS	AWARD(ED)	CUBIC YARD
Kill Van Kull Contract 2	Complete	-	-
Ambrose Contract 2a	Complete	-	-
Port Elizabeth Channel	Complete	-	-
Newark Bay Contract 1	Complete	-	-
Kill Van Kull Contract 1	Complete	-	-
Anchorage, Contract 1b	Complete	-	-
Ambrose, Contract 2b	Complete	-	-
Anchorage, Contract 2	Complete	-	-
Port Jersey, Contract 4	complete	-	-
Newark Bay, Contract 2	complete	-	-
Arthur Kill, Contract 1	complete	-	-
Ambrose, Contract 3a	complete	-	-
Ambrose, Contract 3b	complete	-	-
Arthur Kill, S-AK-3	On-Going	Jan 13	1.32 Million
SRUC, S-SR-1	On-Going	Oct 13	474,150
SRUC, S-SR-2	On-Going	Sep 13	722,560

**NOTE: Ambrose Channel Contracts Not Shown;  
SRUC Contract includes "clean up" dredging of other reaches throughout the Harbor Deepening Project**

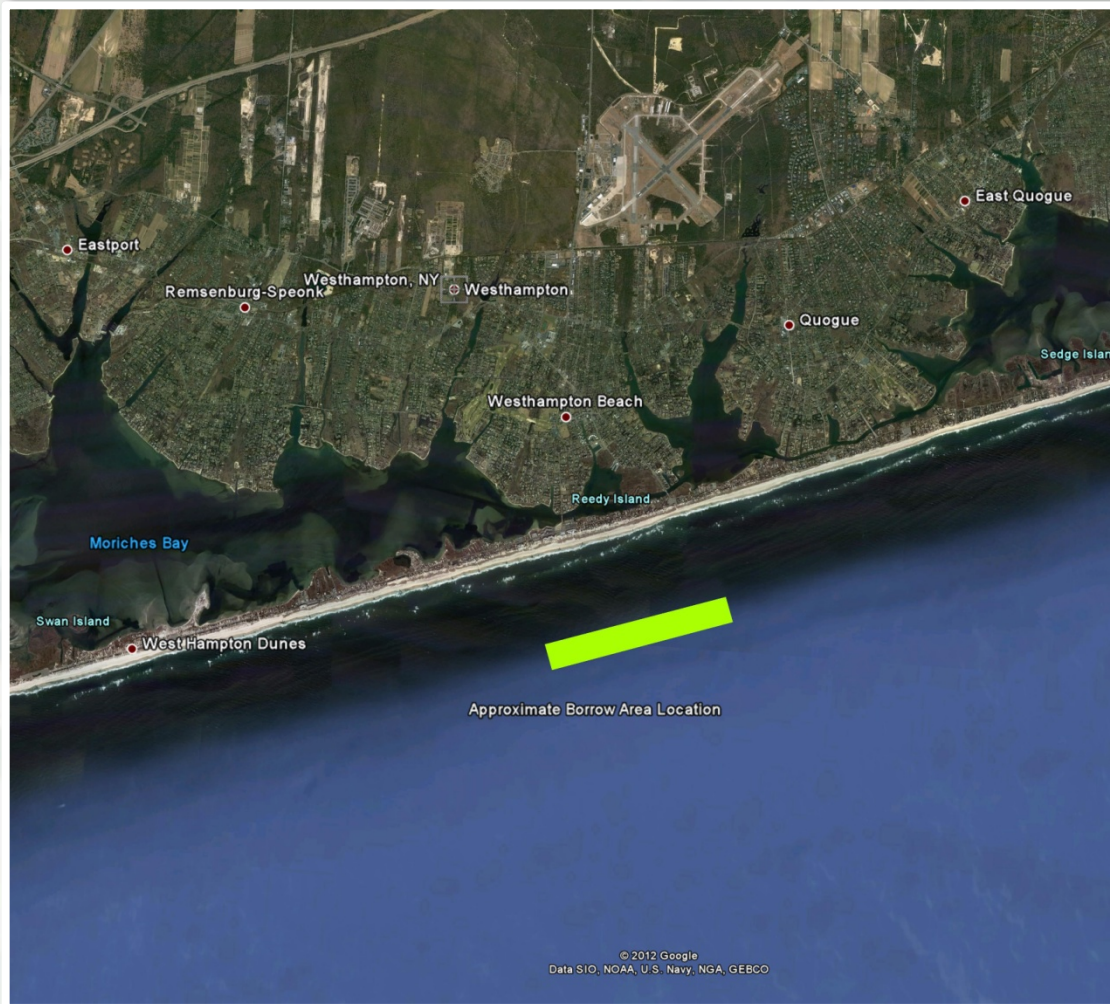


## West of Shinnecock Inlet (WOSI) PL84-99, NY



QUANTITY TO BE DREDGED:	450,000 CY
CONTRACT DEPTH:	Maximum 58ft
TYPE OF DREDGED MATERIAL:	SAND
LAST DREDGED:	N/A
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: TBD

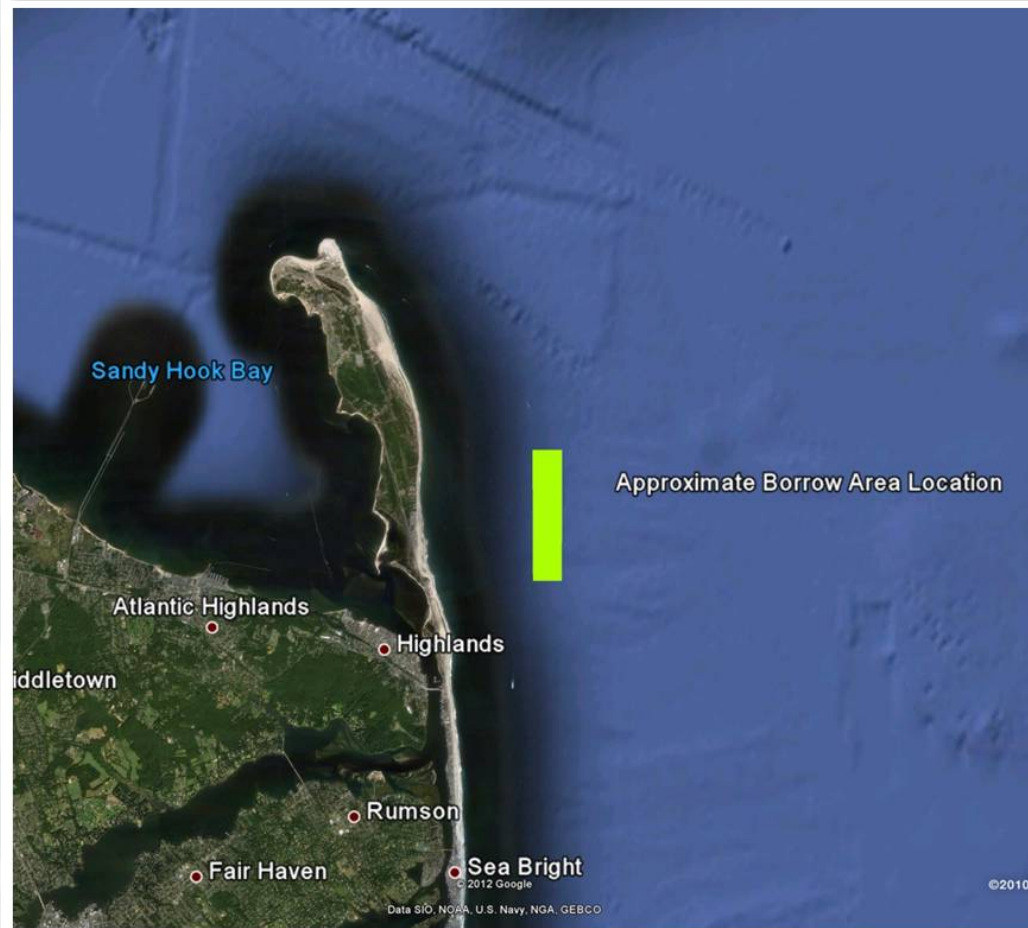
# Westhampton Interim, NY



QUANTITY TO BE DREDGED:	1,008,000 CY
CONTRACT DEPTH:	85 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2009
EQUIPMENT:	Pipeline / Hopper Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 15 May



# Port Monmouth, NJ



QUANTITY TO BE DREDGED:	391,000 CY
CONTRACT DEPTH:	56 ft/63 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper
PLACEMENT SITES:	Beach
ISSUES:	N/A

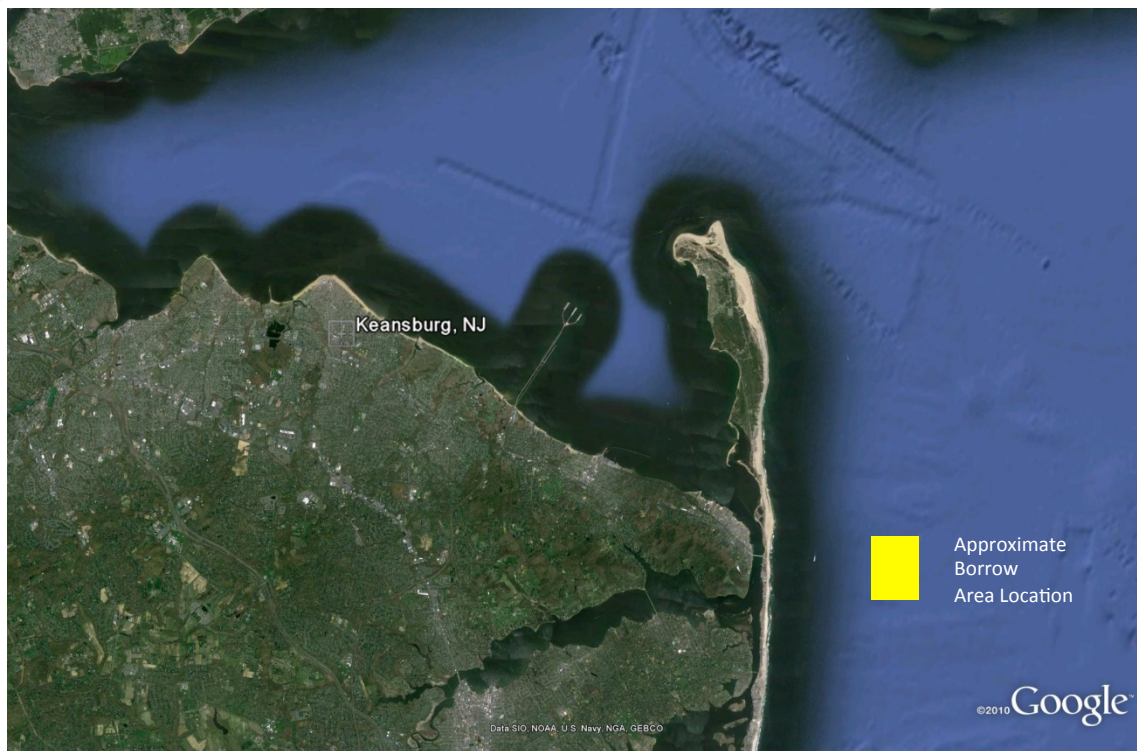
# Atlantic Cost of New Jersey: Sea Bright to Manasquan



QUANTITY TO BE DREDGED:	8,175,000 CY
CONTRACT DEPTH:	Maximum 68 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper
PLACEMENT SITES:	Beach
ISSUES:	No Work Environmental Window: 15 March – 31 August



# Raritan Bay to Sandy Hook, Keansburg NJ



QUANTITY TO BE DREDGED:	1,136,000
CONTRACT DEPTH:	Maximum 71 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper
PLACEMENT SITES:	Beach
ISSUES:	No Work Environmental Window: 15 March – 31 August

# Mattituck Inlet, NY



QUANTITY TO BE DREDGED:	100,000
CONTRACT DEPTH:	11 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Environmental Window: 15 January – 30 September